AEE/TDSD/SBR/44/17-18
dt 5/6/17

Original/Duplicate/Triplicate

No. 1st and Final Bill

CONTRACT CERTIFICATE

(For Other Works)

Date : .....

Division DD Sub-Division

Bill Received No. 133 Dated 30-06-17 Cash Book Voucher No. ..... Dated :.....

Scheduled Doctet No. ..... Head of Account .....

Name of work (as per sanctioned estimate) IMPROVEMENTS TO 2ND, 3RD 4TH , 5TH, & 6TH CROSS ROADS AT NAVY LAYOUT, IN BAGALAGUNTEE IN WARD NO. 14

Name of Contractor and Full Address TECHNICAL MANAGER (WEST) , KRIDL

Reference to Agreement No. EE/DD/WO/ 83 / 2017-18 Date: 19.05.2017

Certified that the measurements were taken by me on 5/6/17 and recorded in pages 56744 to 56745 of measurements Book No. 567511 and that the work is satisfactorily executed.

Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Officer - In - charge of work

Certified that the measurements were checked by me on ..... and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **JOB NO : 014-17-000058**

Sub - Division Officer

		AMOUNT
1.	Total value of work done or supplies made as per account.	--
2.	Deduct amount to be held in reserve being ..... percent Rs.	
3.	- do - Balance	1st and finall Bill Amount → 49701ff-00
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	IT → 99404-00
	Amount adjusted towards cash advance recovery of	VAT → 19880ff-00
	b) Payments cost store or other materials supplied.	LWC → 49702-00
5.	Balance being unpaid value of work done held in reserve	CBF → 4970-00
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	LR → 521ff-00
		Total -- 405060-00
7.	Net amount due to or from contractor	
	Unadjusted items	X/c Amount → 456511ff-00
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
		Total amount adjusted --

Received Rs. ..... (in words)

..... by cash and by adjustment of

Payment as per memorandum.

(In final settlement of all demand)

Witness :

1.

2.

Date

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Contractor Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

(For use in the Office)

Audited and admitted for Rs. 4970177-00

Passed by Cheque No. 456511ff-00

405060-00

Stamp

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Signature of Contractor

Director

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	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Meas		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	: Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications Disposal of debris of debris to the final place of desposlawith all lead and lift and as direction by the engineer in charges of the work. lead 4 km as per specification complete as per specification.	Cum	—	—	854-85	170-92	146111-00	854-85	146111-00	
2	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications (which includes cost of gravel/murrum watering charges & compaction by vibratory roller)	Cum	—	—	1175-00	320-12	376341-00 3761[illegible]-00	1175-00	376341-00 3761[illegible]-00	
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications.	Cum	—	—	71-25	5159-02	367580-00	71-25	367580-00	
4	Providing a granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete for 7.5 cms thick	Sqm	—	—	840-00	665-68	559171-00	840-00	559171-00	
5	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.	Cum	—	—	237-50	5-30	1256-00	237-00	1256-00	
6	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with mortor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications. for coarse graded granular sub-base material as per 400-2. For Grading I Material.	Cum	—	—	427-00	1518-98	648604-00	427-00	648604-00	
7	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	—	—	427-50	1768-08	754920-00	427-00	754920-00	
8	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per specifications.	Sqm	—	—	2849-50	27-56	78532-00	2849-50	78532-00	
9	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to rceive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	—	—	1303-50	3-18	4145-00	1303-50	4145-00	
10	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH / Chapter 5	Sqm	—	—	2607-00	11-66	30398-00	2607-00	30398-00	

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11	KSRRB 500-11 : Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specification. MORTH Chapter 5 using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50mm to 75mm) with 3.3% VG-30 Bitumen	Cum	—	—	141-05	523746	7387450	141-05	7387450
12	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.9 complete in all respects complete as per specifications. MORTH Specification No.509. using 40/60 TPH capacity HMP with sensor paver Gr-II (30 to 45mm) with 6% VG-30 Bitumen	Cum	—	—	11748	7270-54	8541430	11748	8541430
				Total			4560596			
				Add			3648476			
							4560-70			
							4997046			

CERTIFICATE:

1 Work done is satisfactory
2 There are no departmental issuesmade to the contractor
3 The contractor has cleared all debrice from work spot

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